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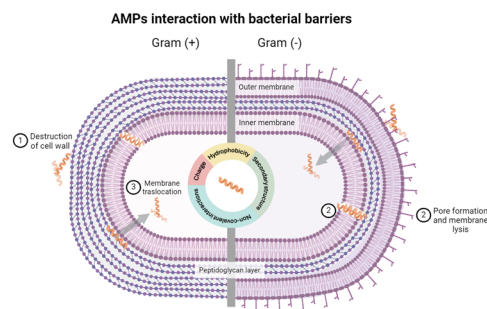
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Jinli Zhang *et al.*,  
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### MINI REVIEW

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#### Engineering the interaction of short antimicrobial peptides with bacterial barriers

Costanza Montis, Elisa Marelli, Francesco Valle,  
Francesca Baldelli Bombelli and Claudia Pigliacelli\*

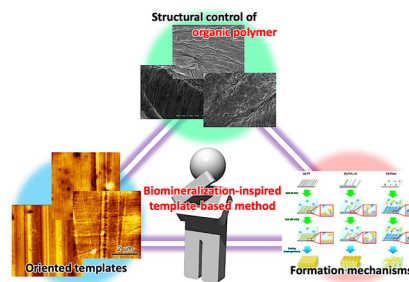


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#### Formation mechanism of anisotropic gelatin hydrogel by self-assembly on oriented templates

Kohei Kawaguchi, Tamaki Maeda, Syuuhei Komatsu,  
Yoshihiro Nomura and Kazuki Murai\*



K. Murai *et al.*



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## PAPERS

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### Deep eutectic solvent boosted ruthenium catalysts for acetylene hydrochlorination

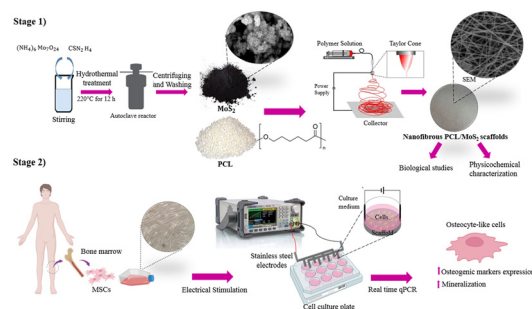
Lin Feng Li, Bao Wang, Tiantong Zhang, Haiyang Zhang, Wei Li, Jiangjiexing Wu\* and Jinli Zhang\*



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### Enhancing osteogenic differentiation of mesenchymal stem cells seeded on a polycaprolactone/MoS<sub>2</sub> nanofibrous scaffold through electrical stimulation

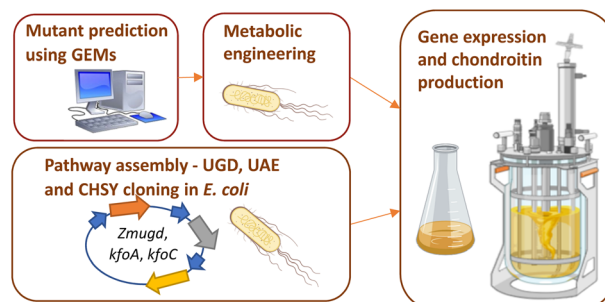
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### Optimization of chondroitin production in *E. coli* using genome scale models

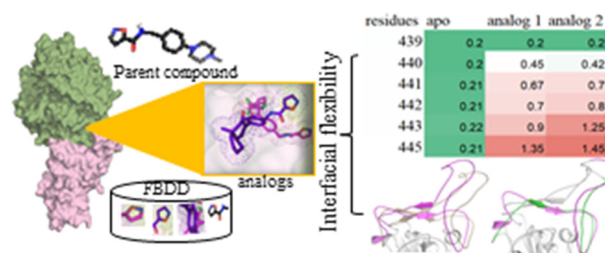
Márcia R. Couto, Joana L. Rodrigues,\* Adelaide Braga, Oscar Dias and Lígia R. Rodrigues



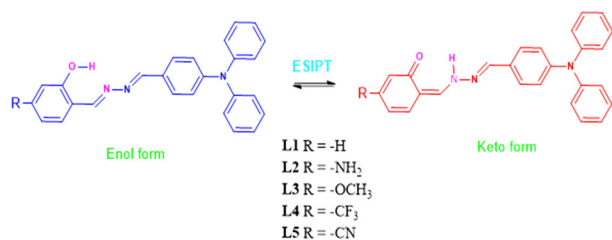
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### Effect of computationally designed fragment-based analogs on the RBD-ACE2 complex of the SARS-CoV-2 P.1 variant

Surabhi Lata and Mohd. Akif\*



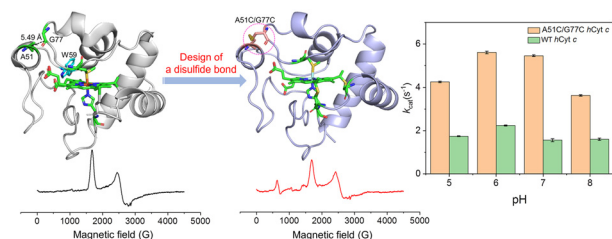
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### Tuning the photophysical properties of ESIPT active unsymmetrical azine dyes by the change in the substituent and solvent: TD-PBE0 and TD-CAM-B3LYP studies

Hossein Roohi\* and Tahereh Pouryahya

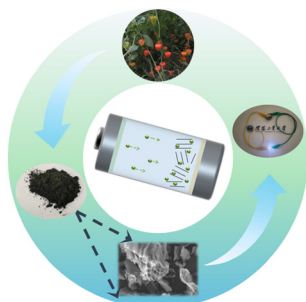
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### Design and engineering of an artificial disulfide bond in human cytochrome c to regulate the protein structure and function

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